

Special Issue

Catalytic Reaction Engineering for the Sustainability of the Environment

Message from the Guest Editor

The field of catalysis has addressed and is poised to continue to address important issues in sustainability. As catalysts lower the energy requirements for a reaction or alter the selectivity for certain products, advances in catalysis very often lead to more sustainable chemical processes. This Special Issue calls for papers that will focus on recent advances where catalysts and reactor engineering have improved the sustainability of a chemical process. Areas of interest include carbon dioxide capture and conversion, automotive emissions control, biomass processing, new ammonia synthesis routes, chemical recycling of polymers, methane conversion, and photocatalytic processes. Contributions from areas not specifically listed here are also welcome. Both experimental and theoretical contributions are encouraged for submission.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2022)



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